

# PATENT SPECIFICATION



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## COMPLETE SPECIFICATION.

### Improved Packing Case or Container for the Transportation of Goods.

I, JEAN GONZALEZ DE ANDIA YRARRAZAVAL, a citizen of the Republic of Chili, of 10, rue de la Pépinière, Paris, France, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

One of the most serious difficulties in the transportation of goods, and chiefly in maritime transportation, consists in the irregular shape of the objects to be transported, whereby the loading of vessels is much complicated. Furthermore, such objects, between the time at which they are deposited by the shipper and the time of reception, are subjected to various manipulations in which there is great risk of damage, and the smaller objects may often be lost in this manner. Such drawbacks are chiefly observed in combined land and sea shipments, and in the sea transportation of postal packages.

The present invention relates to an apparatus whereby all such difficulties will be obviated, and it consists of a packing case or container adapted for all classes of land, sea, river and aerial transportation; it is of the type which will adapt itself to the size of the contents; such cases can be extended when loaded with goods, and can be folded down when empty.

Since such a case can be folded, it can be shipped back readily and at little expense in cases where return freight is lacking.

My improved case is particularly easy to load and will readily comply with all the various conditions of shipment.

This is achieved according to my invention by constituting the case by means of rigid top and bottom members connected together by telescopic uprights, side walls independent of these uprights being provided, the height of which is adapted to correspond at any moment with that of the said uprights.

It is preferably fitted with tackle such as ropes, hooks, or rings, for a ready handling, and it can thus be placed on board with facility.

A constructional form of packing case [Price 1/-]

or container according to the invention is specified by way of example in the following description with reference to the accompanying drawings.

Figs. 1, 2 and 3 are diagrammatic views showing respectively a side elevation, a plan view with the top removed and an end view of the packing case.

Fig. 4 is a view of the case when empty and folded for transportation.

Fig. 5 shows the loading position.

Fig. 6 is a view on a larger scale showing one corner of the case.

The said packing case or container comprises a rigid bottom part 1 and a rigid top part 2 which have in principle a rigid construction and are connected together by four extensible uprights 3. The said uprights (Fig. 6) consist of a set of telescoping sections 3<sup>1</sup>—3<sup>11</sup>—3<sup>111</sup>. The sides of the said container consist of two curtains. The outer curtain 4 which may consist of metal, and preferably of a light metal such as an aluminium alloy, comprises various hooked plates 4<sup>1</sup>—4<sup>11</sup> slidable upon one another after the manner of some fireproof curtains and making contact with one another at the vertical and horizontal hooked engaging edges. The said plates may also, when extended, be folded upon one another, being thus piled up for transportation purposes between the top and bottom parts when empty, as shown in Fig. 4. The upper plate is pivoted at 5 to the top part 2 of the frame, and the bottom plate rests upon a projection 6 provided on the bottom part 1. To load the apparatus, the set of sliding plates may be raised into the horizontal position and may be suitably held therein (Fig. 5), the goods being loaded through the sides of the case.

The internal curtain or cover 7 may consist of an india rubber fabric by which the apparatus is made waterproof. After the loading, this curtain or cover can be secured to the bottom plate at 8 and is then brought over suitable pulleys or rollers so as to surround the load and to afford waterproof conditions for the interior.

A rope 8 provided with a ring 9 serves for the ready handling of the apparatus.

It may extend through all of the sections of the uprights 3, being then secured at 11 to a plate 12 which is maintained by the lower edge of the largest tube 3<sup>1</sup> forming the upright.

The invention can be used to advantage for the transportation of perishable goods, by employing heat-protecting partitions, or double walls between which ice may be disposed.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1—A packing case or container adapted for the assembling of goods, and chiefly of goods having irregular forms, for land, sea, river and aerial transportation, comprising a series of telescopic uprights connecting together rigid top and bottom members and side walls independent of said telescopic uprights the height of which is adapted to correspond at any moment with that of the said uprights.

2—A container as claimed in claim 1,

comprising carrying ropes or the like secured to the bottom member.

3—A container as claimed in claim 1, wherein the side walls consist of superposed series of metal plates adapted to slide vertically over one another according to the total wall height desired.

4—A container as claimed in claim 3, comprising an inner waterproof wall adapted to be lowered from the rigid top member by an amount corresponding to the wall height used.

5—A container as claimed in claim 4, wherein the inner waterproof wall is of rubber-coated fabric passing over a pulley arrangement.

6—A packing case or container for the transportation of goods substantially as described with reference to and as illustrated on the accompanying drawings.

Dated this 5th day of September, 1929.

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[This Drawing is a reproduction of the Original on a reduced scale.]

